

Converting Colors

Hex(745E87)

Have a look what the booklet for
Hex(745E87) contains.

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Color

Hex(745E87)

Conversions

Conversions Part 1

Format	Color
Hex	745E87
RGB	116, 94, 135
RGB Percent	45%, 37%, 53%
CMY	0.5451, 0.6314, 0.4706
CMYK	0.14, 0.30, 0.00, 0.47
HSL	272°, 18%, 45%
HSV	272°, 30%, 53%
XYZ	15.5783, 13.4677, 24.7001
YIQ	105.2520, -0.0490, 17.4150

Conversions

Conversions Part 2

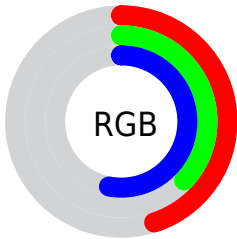
Format	Color
R_{YB}	116, 94, 135
Decimal	7626375
CIE _{Lab}	43.46, 17.34, -19.46
CIE _{LCh}	43, 26.064, 311.701
Yxy	13.4677, 0.2899, 0.2506
Android (android.graphics.Color)	4285816455 (0xFF745E87)
YUV	105.2520, 14.6658, 9.4260
Hunter-Lab	36.6983, 11.5506, -14.2168

Details

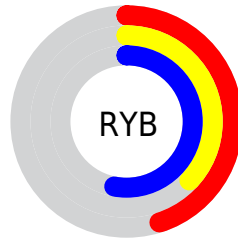
The Hex color **745E87** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **71875E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A891BC**, and **433055** is the 20% darker color. If you saturate the color by 10%, you get **6E5187**, and if you desaturate by 10%, it is **7A6C87**.

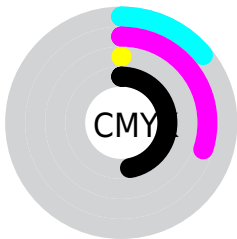
Distribution



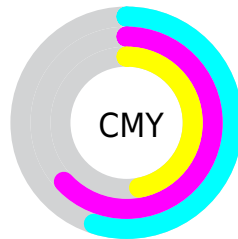
- Red (45%)
- Green (37%)
- Blue (53%)



- Red (45%)
- Yellow (37%)
- Blue (53%)



- Cyan (14%)
- Magenta (30%)
- Yellow (0%)
- Black (47%)



- Cyan (55%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 745E87 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 745E87 by changing the saturation by 10% instead.

■ 745E87

■ 745E87

FFFFFF

■ 5B466E

■ A891BC

■ 433055

■ C4ABD8

■ 2C1A3E

■ E0C6F5

■ 190128

■ FDE3FF

■ 000112

■ 000000

■ 745E87

■ 745E87

■ 6E5187

■ 7A6C87

■ 674387

■ 817987

613687

878787

5B2887

8D9487

551B87

93A287

4E0D87

9AAF87

480087

A0BD87

A6CA87

ACD887

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



556691



745E87



885875

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



745E87



80613E



1B726F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



745E87



71875E

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



3A7158



745E87



6D683C

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



745E87



8D5A4B



556E46



0B7183

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



745E87



8F5666



556E46



257267

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



745E87



A9A0B0



5E7187



554F59



D9D9D9



595959

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



745E87



9371B0



875E86



3F3C42



460082



010003

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



875E71



B0718E



5E875F



423C3F



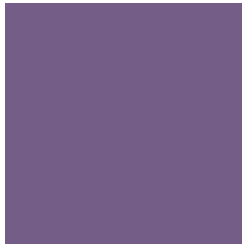
82003C



030001

Previews

White Background



This preview shows how the Hex color 745E87 looks on a white background.

Color Contrast Check

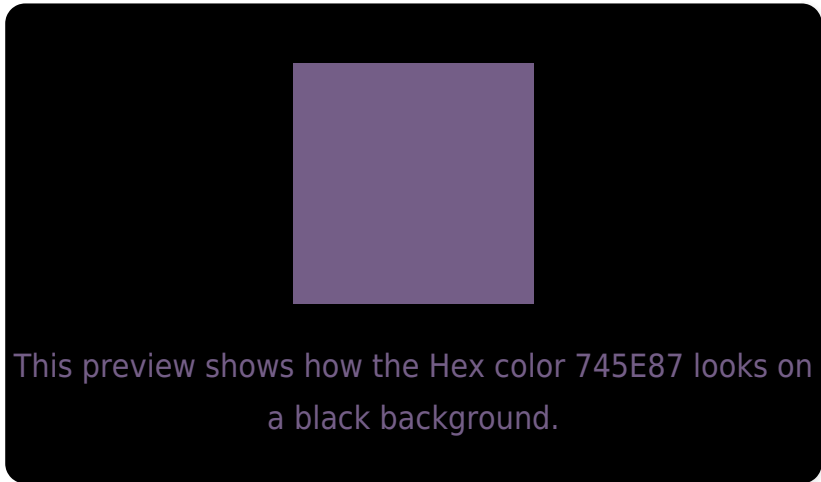
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

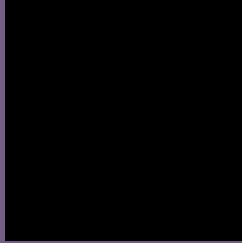
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 745E87 Background



This preview shows how black text looks on a background with the Hex color 745E87.

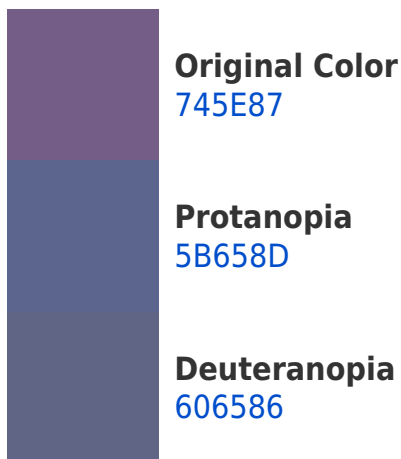


This preview shows how white text looks on a background with the Hex color 745E87.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
70636B

Trichromacy



Original Color
745E87

Protanomaly
64628B

Deuteranomaly
676286

Tritanomaly
716175

Monochromacy



Original Color
745E87

Achromatopsia
696969

Achromatomaly
6D6574

CSS Examples

Text

The CSS property to change the color of the text to Hex 745E87 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #745E87 looks like.

```
.text, #text, p{  
    color:#745E87  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #745E87 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #745E87
}
```

Border

The CSS property to change the border of an element to Hex 745E87 is called "border". The border property can be set on classes, ids or directly on the HTML element.

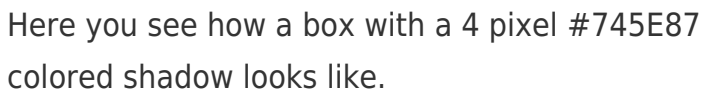
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#745E87 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#745E87 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #745E87 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #745E87; -webkit-box-shadow:4px 4px  
4px 4px #745E87; box-shadow:4px 4px 4px  
4px #745E87 }
```

Background

The CSS property to change the background color of an element to Hex 745E87 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#745E87 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#745E87 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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